

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (original) A traffic monitoring system which monitors network traffic in a network in which transmission priority of a packet to be transmitted in the network is changed according to an attribute of the packet, comprising:

a monitor unit which monitors the packet; and

an accumulate unit which accumulates, for each attribute, traffic information corresponding to the monitored packet.

2. (original) The traffic monitoring system of claim 1, wherein the packet is an IP packet in an IP network, and the attribute of the packet includes at least one of a service class of the IP packet and sub network address of the IP network.

3-9. (canceled)

10. (original) A traffic monitoring method which monitors network traffic in a network in which transmission priority of a packet to be transmitted in the network is changed according to an attribute of the packet, comprising the steps of:

monitoring the packet; and

accumulating, for each attribute, traffic information corresponding to the monitored packet.

11. (original) The traffic monitoring method of claim 10, wherein the packet is an IP packet in an IP network, and the attribute of the packet includes a service class of the IP packet and sub network address of the IP network.

12-18. (canceled)

19. (original) A recording medium readable by a computer, tangibly embodying a program of instructions executable by the computer to perform a traffic monitoring method which monitors network traffic in a network in which transmission priority of a packet to be transmitted in the network is changed according to an attribute of the packet, comprising the steps of:

monitoring the packet; and

accumulating, for each attribute, traffic information corresponding to the monitored packet.

20. (canceled)